

INDUSTRIAL COMPONENT DATA

2CSA255103R1205 ABB DS-ARC1B20A30 Detect. Arch + Int. Comb.

Brand: ABB | Manufacturer Part Number: 2CSA255103R1205



Manufacturer	ABB
MPN / Reference	2CSA255103R1205
Catalog number	255103
Category	Earth leakage circuit breaker with auxiliary device
Minimum order	1 Pcs
Document ID	EO-84B616FF10
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Product Overview

DS-ARC1B20A30 Detect. Arch + Int. Comb.

DS-ARC1 B20 A30 Arc fault detection device integrated with RCBO

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path ABB > Industrial

Additional Product Information

ABB EcoSolutions

Environmental Product Declaration - EPD 9AKK108470A1707

Technical

Type of Residual Current Type A

Test Voltage (Ut) 170 ... 264 V

Dielectric Test Voltage 2.5 kV

Rated Ultimate Short-Circuit Breaking Capacity (Icu) 7.5 kA

Rated Residual Breaking Capacity (I?m) 6 kA

Rated Service Short-Circuit Breaking Capacity (Ics) 6 kA

Power Supply Connection Arbitrary

Contact Position Indication Red ON / Green OFF

Energy Limiting Class 3

Electrical Endurance 10000 cycle

Mechanical Endurance 20000 cycle

Number of Protected Poles 1
Number of Poles 1P+N
Number of Modular Spacings per DIN Rail 3
Fault Indication Blue Flag on Toggle
Operating Characteristic Instantaneous
Position of Neutral Terminals Right
Tightening Torque 2.8 N·m
Accessory Type Auxiliary contact
Auxiliary/Signal contact
Shunt trip
Undervoltage release
Overvoltage release
Bottom fitting auxiliary contact
Actuator Type Toggle -Insulation group II, Orange RAL 2004, sealable in ON-OFF-positions
Housing Type Insulation group I, RAL 7035
Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal
Accessories Available Yes
Mounting Position of Accessories Right
Number of Batteries 0
Connecting Capacity Busbar 10 mm²
Rigid 1...25 mm²
Flexible 1...16 mm²
Wire Stripping Length 12 mm
Terminal Type Screw Terminals
Electrical
Tripping Characteristic B
Rated Operational Voltage 230...240 V AC
Rated Insulation Voltage (Ui) 500 V
Rated Impulse Withstand Voltage (Uimp) 4 kV
Input Voltage Type AC
Rated Current (In) 20 A
Rated...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CSA255103R1205 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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